

DERWENT-ACC-NO: 1988-296428

DERWENT-WEEK: 198842

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TITLE: Skin-protective agent forming film of semi-solid oil - contg. e.g. octa:methyl:cyclo:tetra:siloxane, dextrin fatty acid ester and e.g. glycerol and/or polysaccharide

PRIORITY-DATA: 1987JP-0050355 (March 6, 1987)

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PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--|-------------------|----------|-------|----------|
| <input type="checkbox"/> JP 63216815 A | September 9, 1988 | | 006 | |

INT-CL (IPC): A61K 7/40

ABSTRACTED-PUB-NO: JP 63216815A

BASIC-ABSTRACT:

A new skin-protective agent is a water-in-oil cream consisting of the oil phase of 10-40 wt.% of a semi-solid fat and oil, 10-30 wt.% of a low molecular cyclic silicone, and 1-3 wt.% of a gelling agent and the water phase of a wetting agent of a polyhydric alcohol.

The oil and fat is a mixt. of 30-70 wt.% of a solid oil and fat at ordinary temp. and 70-30 wt.% of a liq. oil and fat at ordinary temp.. The silicone is octamethyl cyclotetrasiloxane or decamethyl pentacyclisiloxane. The gelling agent is a dextrin fatty acid ester. The wetting agent is one or a mixt. of glycerol, 2-4C alcohols, and polysaccharide and their derivs.. The polysaccharide or its deriv. is cationised cellulose. The ratio of oil phase to water phase is (1:2) to (2:1). The cream is formed with an emulsifier consisting of dimethylpolysiloxane -methyl (polyoxyalkylene) siloxane copolymer and a polyhydric alcohol fatty acid ester.

USE - For providing an effective skin agent protecting from drying and forming a film of a semi-solid oil after application.

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